

What is claimed is:

1. A trailer of an automatically scanning-type radiation inspecting system used for large-sized object, comprising:

5 a trailer body provided with a bevel portion at a tail end of an upper surface thereof and positioning recesses adaptive to lower portions of front wheels of a vehicle carrying objects to be inspected respectively, said positioning recesses being formed on a transverse central portion of said upper surface of said trailer body and disposed at two sides with respect to a longitudinal central line of said top
10 surface;

a plurality of pairs of guide wheels connected to a bottom surface of said trailer body, said guide wheels can be supported and run on rails;

connection rods provided at front and rear ends of said bottom surface of said trailer body and used for connecting to wire ropes of winches respectively;

15 anchoring hooks, provided at front and rear ends of said bottom surface of said trailer body and used for engaging with wedges arranged on the ground; and

holding means provided at front and back sides of said positioning recesses and used for holding said front wheels of the vehicle carrying objects to be inspected in said positioning recesses during movement of the trailer.

20 2. The trailer according to the claim 1, wherein said holding means comprises a pushing plate supported by a spring said pushing plate can be inclined by raising one end thereof with said spring and be flattened by pressing said raised end forwardly along an advance direction of the trailer, and a retaining plate able to be inclined and flattened via an urging lever and a link lever which are hinged to each
25 other, and

wherein when said front wheels of the vehicle carrying objects to be inspected are held in said positioning recesses on said upper surface of the trailer body respectively, said pushing plate and said retaining plate are both in inclined states thereof so as to keep said front wheels of the vehicle in said positioning recesses
30 stably, and when an external force is applied to said urging lever, said retaining plate

is flattened by said urging lever via the link lever so that said front wheels of the vehicle can move forwardly and leave said positioning recesses.

3. The trailer according to the claim 1 or 2, wherein said trailer body of the trailer is provided with auxiliary wheels at two sides thereof transversely, the
5 auxiliary wheels being contacted with the ground and used for assisting to support said trailer body in a balance state.

4. The trailer according to the claim 3, wherein said guide wheels are of three pairs, said three pairs of guide wheels are arranged longitudinally and regularly on the bottom surface of the trailer body, and two guide wheels of each pair of said
10 guide wheels are arranged transversely on said bottom surface of the trailer body.